

Appl. No. 09/929,424

Atty. Docket No. 10011005-1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

James Clough, et al.

Appl. No. 09/929,424

Filed: August 13, 2001

For METHODS, SYSTEMS, DEVICES
AND COMPUTER-READABLE MEDIA
FOR ACCESSING NETWORK
ACCESSIBLE DEVICES (as amended)

:

: Confirmation No.: 1219

: Group Art Unit: 2143

: Examiner: Pwu, Jeffrey C.

APPEAL BRIEF

Mail Stop Appeal Brief – Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R:

This is an appeal from the final rejection of claims 1-36 of the
above-identified application.

I. REAL PARTY IN INTEREST

The real party in interest is Hewlett-Packard Development
Company, LP, a limited partnership established under the laws of the State of
Texas and having a principal place of business at 20555 S.H. 249 Houston, TX
77070, U.S.A. (hereinafter "HPDC"). HPDC is a Texas limited partnership and is

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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PATENT APPLICATION

ATTORNEY DOCKET NO. 10011005-1

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Inventor(s): James Clough, et al.

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Title: METHODS, SYSTEMS, DEVICES AND COMPUTER-READABLE MEDIA FOR ACCESSING NETWORK
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05/11/2007 CNEGR1 00000049 002023 09929424
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TRANSMITTAL OF APPEAL BRIEF

Transmitted herewith is the Appeal Brief in this application with respect to the Notice of Appeal filed on February 27, 2007.

The fee for filing this Appeal Brief is (37 CFR 1.17(c)) \$500.00.

(complete (a) or (b) as applicable)

The proceedings herein are for a patent application and the provisions of 37 CFR 1.136(a) apply.

☒ (a) Applicant petitions for an extension of time under 37 CFR 1.136 (fees: 37 CFR 1.17(a)-(d)) for the total number of months checked below:

☒ 1st Month
\$120

☐ 2nd Month
\$450

☐ 3rd Month
\$1020

☐ 4th Month
\$1590

☐ The extension fee has already been filed in this application.

☐ (b) Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

Please charge to Deposit Account 08-2025 the sum of \$ 500 . At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees.

☒ A duplicate copy of this transmittal letter is enclosed.

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Signature: Leanne Lentz Spencer

Respectfully submitted,

James Clough, et al.

By Patrick R. Scanlon

Patrick R. Scanlon

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a wholly-owned affiliate of Hewlett-Packard Company, a Delaware Corporation, headquartered in Palo Alto, CA. The general or managing partner of HPDC is HPQ Holdings, LLC.

II. RELATED APPEALS AND INTERFERENCES

The present application was previously appealed from the Examiner's rejection in the Office Action made Final and dated June 16, 2006. A notice of Appeal was filed on August 16, 2006 and an Appeal Brief was filed on September 7, 2006. However, an Examiner's Answer was not submitted and the final rejection from the June 16, 2006 Office Action was withdrawn by the Examiner in an Office Action dated November 28, 2006. This earlier appeal was thus never consider by the Board.

No other prior or pending appeals, interferences or judicial proceedings relating to, directly affecting or directly affected by this appeal, or having a bearing on the Board's decision in this appeal, are known to appellant, the appellant's legal representative, or assignee.

III. STATUS OF THE CLAIMS

Claims 1-36 are pending in the application and stand rejected by the Examiner as stated in the Office Action made Final and dated November 28, 2006. No claim stands withdrawn, cancelled or allowed. The claims on appeal are claims 1-36 as they appear in the attached Claims Appendix.

IV. STATUS OF AMENDMENTS

No amendments have been filed in this application subsequent to final rejection made in the Office Action of November 28, 2006.

V. SUMMARY OF CLAIMED SUBJECT MATTER

Appellant's claimed invention relates in general to accessing network-accessible devices. In various embodiments, individual network-accessible devices are configured to wirelessly transmit or beacon data that can be used to access the device, such as network address data. Wirelessly-enabled client devices can receive the transmitted address data. Thus, the client devices, even if they were previously unaware of the network-accessible devices, can become knowledgeable of these devices. The address data permits the wirelessly-enabled client devices to access and use the network-accessible devices. Access to the network-accessible devices can take place via any suitable mechanism such as via a wireless network and/or Internet connection.

The subject matter of independent claim 1 is directed to a system for accessing network-accessible devices that includes multiple network-accessible devices (reference numeral 400 in Figures 4 and 5). Each network-accessible device 400 comprises a wireless transmitter 410. The wireless transmitter 410 wirelessly transmits associated address data for receipt by individual client devices 300 (see page 3, lines 22-26 and page 6, lines 24-26). The address data is configured for use in accessing, via a network, a network-accessible device 400 that wirelessly transmitted the associated address data (see page 3, line 26 through page 4, line 3). The system of claim 1 also includes a connection module 412 for establishing a network link 504, 506 with one or more client devices 300 based upon the wirelessly transmitted address data (see page 7, lines 3-6). The link 504, 506 permits individual client devices 300 to access a network-accessible device 400 using the associated address data.

The subject matter of independent claim 6 is directed to a system for accessing Internet-connected printers that includes one or more Internet-connected printers 400 (see page 11, lines 23-26 stating that network-accessible devices can take many forms, including printers). Individual printers 400

comprise a wireless transmitter 410. The wireless transmitter 410 wirelessly transmits associated address data for receipt by individual client devices 300 (see page 3, lines 22-26 and page 6, lines 24-26). The address data is configured for use in accessing, via the Internet, an Internet-connected printer 400 that wirelessly transmitted the associated address data (see page 3, line 26 through page 4, line 3). The system of claim 1 also includes an Internet connection module 412 for establishing an Internet link 504, 506 with one or more client devices 300 based upon the wirelessly transmitted address data (see page 7, lines 3-6). The Internet link 504, 506 permits individual client devices 300 to access an Internet-connected printer 400 using the associated address data.

The subject matter of independent claim 8 is directed to a network-accessible device 400 comprising one or more processors 402 and one or more computer-readable media 404 (see page 6, lines 7-12). Also included is a wireless transmitter 410 for wirelessly transmitting address data associated with the device 400 (see page 3, lines 22-24 and page 6, lines 24-26). The address data is used to establish an Internet connection 504, 506 with the device 400 (see page 8, lines 3-9). An Internet connection module 412 is provided for establishing an Internet connection 504, 506. The device of claim 8 includes instructions on the computer-readable media 404 which, when executed by the one or more processors 402, cause the processors 402 to: 1) transmit address data for the device 400 using the wireless transmitter 410 (see page 3, lines 22-26 and page 6, lines 24-26), 2) establish an Internet connection 504, 506 using the connection module 412, the Internet connection 504, 506 being establishable with one or more client devices 300 that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data (see page 3, line 26 through page 4, line 3), and 3) permit interaction with the device 400 via the Internet connection 504, 506 (see page 8, lines 10-12).

The subject matter of independent claim 13 is directed to an Internet-connected printer 400 comprising one or more processors 402 and one or more computer-readable media 404 (see page 6, lines 7-12). Also included is a wireless transmitter 410 for wirelessly transmitting address data associated with the printer 400 (see page 3, lines 22-24 and page 6, lines 24-26). The address data is used to establish an Internet connection 504, 506 with the printer 400 (see page 8, lines 3-9). An Internet connection module 412 is provided for establishing an Internet connection 504, 506. The printer of claim 13 includes instructions on the computer-readable media 404 which, when executed by the one or more processors 402, cause the processors 402 to: 1) transmit address data for the printer 400 using the wireless transmitter 410 (see page 3, lines 22-26 and page 6, lines 24-26), 2) establish an Internet connection 504, 506 using the Internet connection module 412, the Internet connection 504, 506 being establishable with one or more client devices 300 that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data (see page 3, line 26 through page 4, line 3), and 3) permit interaction with the printer 400 via the Internet connection 504, 506 (see page 8, lines 10-12).

The subject matter of independent claim 14 is directed to a client device 300 (Figures 3 and 5) comprising one or more processors 302 and one or more computer readable media 304 (see page 4, lines 17-22). Also included is a wireless receiver 310 for receiving wirelessly transmitted address data associated with one or more Internet-accessible devices 400 (see page 5, lines 5-6 and page 7, lines 17-20). A connection module 314 is provided for establishing an Internet connection 504, 506. The client device of claim 14 includes instructions on the computer-readable media 304 which, when executed by the one or more processors 302, cause the processors 302 to: 1) establish an Internet connection 504, 506 using the connection module 314 (see page 8, lines 3-9), 2) process address data wirelessly received by the wireless receiver 310

from at least one Internet-accessible device 400 (see page 10, lines 20-22), and 3) establish an Internet link 504, 506 with one or more Internet-accessible devices 400 using the address data (see page 8, lines 3-9 and page 10, lines 20-22).

The subject matter of independent claim 21 is directed to a method for accessing network-accessible devices 400 comprising wirelessly beaconing address data associated with a particular device 400 (see page 7, lines 17-20). The address data is configured for receipt by one or more client devices 300 so that the one or more client devices 300 can use the address data to establish an Internet link 504, 506 with the particular device 400 for interacting with the particular device 400 (see page 3, line 26 through page 4, line 3). The method of claim 21 further includes establishing an Internet link 504, 506 with one or more client devices 300 based on the wirelessly beacons address data (see page 8, lines 3-9). The link 504, 506 permits interaction between the particular device 400 and the one or more client devices 300 (see page 8, lines 10-12).

The subject matter of independent claim 28 is directed to one or more computer-readable media 404 having computer-readable instructions thereon which, when executed by one or more processors 402 on a network-accessible device 400, cause the processors 402 to wirelessly beacon address data associated with the network-accessible device (see page 6, lines 7-12 and page 7, lines 17-20). The address data is configured for receipt by one or more client devices 300 so that the one or more client devices 300 can use the address data to establish an Internet link 504, 506 with the network-accessible device 400 for interacting with the network-accessible device 400 (see page 3, line 26 through page 4, line 3). The instructions also cause the processors 402 to establish an Internet link 504, 506 with one or more client devices 300 based on the wirelessly beacons address data (see page 8, lines 3-9). The link 504,

506 permits interaction with the one or more client devices 300 (see page 8, lines 10-12).

The subject matter of independent claim 29 is directed to a method for accessing Internet-accessible devices 400 comprising discovering one or more Internet-accessible devices 400 by wirelessly receiving one or more URLs associated with and transmitted by the Internet-accessible devices 400 (see page 7, lines 23-24 and page 8, lines 13-20). The method of claim 29 further includes establishing an Internet connection 504, 506 with the one or more Internet-accessible devices 400 based on the one or more URLs (see page 8, lines 3-9), and interacting with the one or more Internet-accessible devices 400 via the Internet connection 504, 506 (see page 11, line 19 through page 12, line 4).

The subject matter of independent claim 32 is directed to a method of accessing an Internet-connected printer 400 comprising wirelessly receiving, with a client device 300, address data associated with one or more Internet-connected printers 400 (see page 5, lines 5-6 and page 7, lines 17-20). The method of claim 32 further includes processing the address data with the client device 300 to establish an Internet link 504, 506 with one or more Internet-connected printers 400 (see page 10, lines 20-22), and interacting with the Internet-connected printers 400 via the Internet link 504, 506 (see page 11, line 19 through page 12, line 4).

The subject matter of independent claim 36 is directed to one or more computer-readable media 304 having computer-readable instructions thereon which, when executed by one or more processors 302 on a client device 300, cause the processors 302 to wirelessly receive, with the client device 300, address data associated with one or more Internet-connected printers 400 (see page 7, lines 17-20) and process the address data with the client device 300 to establish an Internet link 504, 506 with one or more Internet-connected printers

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400 (see page 10, lines 20-22). The instructions also cause the processors 302 to interact with the Internet-connected printers 400 via the Internet link 504, 506 (see page 8, lines 10-12).

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

It is respectfully requested that the Board of Patent Appeals and Interferences rule on the issue of: Whether claims 1-36 are unpatentable under 35 U.S.C. 102(e) over U.S. Patent Application Publication No. 2002/0103875 published August 1, 2002 in the name of Krishnan et al (hereinafter referred to as "Krishnan et al").

VII. ARGUMENT

Rejection under 35 U.S.C. 102(e) over Krishnan et al

The Examiner has cited the Krishnan et al reference as anticipating claims 1-36 under 35 U.S.C. 102(e). Section 102(e) of the Patent Act states, in pertinent part, "a person shall be entitled to a patent unless ... the invention was described in - (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent..." 35 U.S.C. § 102(e). To anticipate a claim, a reference must teach each and every element as set forth in the claim. *Verdegaal Bros. V. Union Oil Co. of California*, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). See also, *Advanced Display Systems, Inc. v. Kent State University*, 54 USPQ2d 1673, 1679 (Fed. Cir. 2000) ("anticipation requires that the four corners of a single, prior art document describe every element of the claimed invention, either expressly or inherently, such that a person of ordinary skill in the art could practice the invention without undue experimentation"). Furthermore, whether a reference is anticipatory is a question of fact. *In re Graves*, 36 USPQ2d 1697, 1700 (Fed. Cir. 1995).

Krishnan et al discloses a remote operator 10 which is used to transmit web addresses to an Internet appliance 20, such as an Internet radio appliance, thereby allowing a user of the Internet appliance 20 to electronically input web addresses to the Internet appliance 20 remotely. (See paragraph 0021 of Krishnan et al.) The Internet appliance 20 then uses the web address to connect to the desired web site. (See paragraphs 0027 and 0031.) In a preferred embodiment, the Internet appliance remote operator 10 is a key-chain tag-sized device. (See paragraph 0022.) The Internet appliance 20 "can be any kind of device that contains a web browser (or web client) software and is capable of being connected to the Internet". (See paragraph 0024.)

Krishnan et al also discloses a web address beacon 15, which can transmit electronic signals containing web addresses to the remote operator 10. As described in paragraph 0036, the web address beacon 15 is typically associated with a web site or Internet site and transmits the web address of that web site.

For the reasons discussed below, appellant submits that Krishnan et al fails to disclose each and every element of claims 1-36.

Claims 1-5

Independent claim 1 recites a system for accessing network-accessible devices in which each device includes a wireless transmitter for wirelessly transmitting address data that can be used to access that device and a connection module for establishing a network link with one or more client devices based on the wirelessly transmitted address data.

Krishnan et al fails to disclose a network-accessible device that wirelessly transmits associated address data which is used to access the device that transmitted the address data. None of the elements of Krishnan et al—not the remote operator 10, the web address beacon 15, or the Internet appliance

20—is a network-accessible device as claimed. Neither the remote operator 10 nor the web address beacon 15 are described as being accessed via a network. And while the Internet appliance 20 is described as connecting to the Internet, there is no disclosure in Krishnan et al that the Internet appliance 20 is accessed by a client device via the Internet or any other network.

Moreover, none of these three elements include a wireless transmitter for wirelessly transmitting address data that: 1) is for receipt by individual client devices, and 2) is used for accessing the device that transmitted the address data. The remote operator 10 transmits web addresses to the Internet appliance 20, but the web addresses are used by the Internet appliance 20 to connect to a desired web site. The Internet appliance 20 does use the web addresses received from the remote operator 10 to establish a network link with the remote operator 10. Similarly, the web address beacon 15 transmits web addresses to the remote operator 10, but the remote operator simply passes these web addresses to the Internet appliance 20; it does not use these web addresses to establish a network link with the web address beacon 15. The Internet appliance 20 includes a URL beacon 23 that transmits the web address of the web site that is currently accessed by the Internet appliance 20, which transmission can be received by the remote operator 10. (See paragraph 0035.) However, the remote operator 10 does not use this web address to establish a network link with the Internet appliance 20. Krishnan et al simply fails to disclose a device that wirelessly transmits its own address data to client devices so that the client devices can establish network links with that device.

For the above reasons, Krishnan et al fails to disclose each and every element of claim 1 and all claims depending therefrom, and therefore does not anticipate claims 1-5. It is thus respectfully submitted that the rejection of claims 1-5 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 6 and 7

Independent claim 6 recites a system for accessing Internet-connected printers in which each printer includes a wireless transmitter for wirelessly transmitting address data that can be used to access that printer and an Internet connection module for establishing an Internet link with one or more client devices using the associated address data.

For the reasons discussed above, Krishnan et al does not disclose any network-accessible device that wirelessly transmits associated address data which is used to access the device that transmitted the address data, and certainly does not disclose an Internet-connected printer that wirelessly transmits address data used by a client device to establish an Internet link with that printer. The remote operator 10 and the web address beacon 15 are clearly not printers. The Internet appliance 20 is mentioned as possibly being a printer (see paragraph 0024), but even if embodied as a printer, the Internet appliance 20 does not transmit address data that is used by a client device to establish an Internet link with the Internet appliance 20.

For these reasons, Krishnan et al fails to disclose each and every element of claim 6, as well as claim 7 which depends therefrom, and therefore does not anticipate claims 6 and 7. It is thus respectfully submitted that the rejection of claims 6 and 7 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 8-13

Independent claim 8 recites a network-accessible device, and claim 13 recites an Internet-connected printer. Both include, among other elements, one or more processors and a wireless transmitter for wirelessly transmitting associated address data. Both claims further recite computer-readable media having instructions that cause the processors to transmit the address data using

the wireless transmitter and establish an Internet connection based on the wirelessly transmitted address data.

Krishnan et al fails to anticipate either one of claims 8 and 13. As discussed above, Krishnan et al does not disclose a network-accessible device or an Internet-connected printer that wirelessly transmits its address data for use to establish a network connection with that device. Krishnan et al also fails to disclose computer-readable media having instructions as recited in claims 8 and 13. Accordingly, it is respectfully submitted that independent claims 8 and 13 are allowable over Krishnan et al. Claims 9-12 depend from claim 8 and are thus also believed to be allowable.

Accordingly, Krishnan et al fails to disclose each and every element of claims 8 and 13 and all claims depending therefrom, and therefore does not anticipate claims 8-13. It is thus respectfully submitted that the rejection of claims 8-13 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 14-20

Independent claim 14 recites a client device that includes, among other elements, one or more processors and a wireless receiver for receiving wirelessly transmitted address data associated with one or more Internet-accessible devices. The client device of claim 14 further includes computer-readable media having instructions that cause the processors to process address data wirelessly received by the wireless receiver from at least one Internet-accessible device and establish an Internet link with one or more Internet-accessible devices using the address data.

Applicant respectfully submits that Krishnan et al does not teach or suggest a client device as recited in claim 14. None of the elements of Krishnan et al receives wirelessly transmitted address data associated with an Internet-accessible device and uses that address data to establish an Internet link with

the Internet-accessible device. The remote operator 10 is described as receiving web addresses from both the web address beacon 15 and the Internet appliance 20, but does not establish an Internet link with either the web address beacon 15 or the Internet appliance 20. The Internet appliance 20 receives web addresses from the remote operator 10, but does not establish an Internet link with the remote operator 10.

Consequently, Krishnan et al fails to disclose each and every element of claim 14 and all claims depending therefrom, and therefore does not anticipate claims 14-20. It is thus respectfully submitted that the rejection of claims 14-20 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 21-27

Independent claim 21 recites a method for accessing network-accessible devices. The method includes wirelessly beaconing from a particular device address data associated with the particular device and using the wirelessly transmitted address data to establish an Internet link between the particular device and a client device. For the reasons discussed above, Krishnan et al does not beaconing address data from a particular device and using the address data to establish an Internet link between that device and a client device. Accordingly, it is respectfully submitted that independent claim 21 is allowable over Krishnan et al. Claims 22-27 depend from claim 21 and are also believed to be allowable.

Krishnan et al thus fails to disclose each and every element of independent claim 21 and all claims depending therefrom, and therefore does not anticipate claims 21-27. It is thus respectfully submitted that the rejection of claims 21-27 under 35 U.S.C. 102(e) is in error and should be reversed.

Claim 28

Independent claim 28 recites one or more computer-readable media having computer-readable instructions thereon. In claim 28, the instructions cause one or more processors in a network-accessible device to wirelessly beacon address data associated with the network-accessible device and establish an Internet link with one or more client devices based on the wirelessly beacons address data.

Krishnan et al fails to disclose wirelessly beaconing associated address data from a network-accessible device or wirelessly receiving such address data with a client device.

Krishnan et al thus fails to disclose each and every element of claim 28. It is thus respectfully submitted that the rejection of claim 28 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 29-31

Independent claim 29 recites a method for accessing Internet-accessible devices. The method includes discovering one or more Internet-accessible devices by wirelessly receiving one or more URLs associated with and transmitted by the Internet-accessible devices. The method also includes establishing an Internet connection with the Internet-accessible devices based on the URLs. As discussed above, Krishnan et al fails to disclose wirelessly receiving address data that is associated with and transmitted by the same Internet-accessible device, and using that address data to establish an Internet connection. Accordingly, it is respectfully submitted that independent claim 29 is allowable over Krishnan et al. Claims 30 and 31 depend from claim 29 and are also believed to be allowable.

Consequently, Krishnan et al fails to disclose each and every element of claim 29 and all claims depending therefrom, and therefore does not

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anticipate claims 29-31. It is thus respectfully submitted that the rejection of claims 29-31 under 35 U.S.C. 102(e) is in error and should be reversed.

Claims 32-35

Independent claim 32 recites a method of accessing an Internet-connected printer. The method includes wirelessly receiving with a client device address data associated with an Internet-connected printer and using the address data to establish an Internet link between the client device and the Internet-connected printer. As discussed above, the Internet appliance 20 of Krishnan et al can be a printer, but Krishnan et al does not disclose a client device that wirelessly receives address data associated with the Internet appliance 20 and uses that address data to establish an Internet link with the Internet appliance 20.

Krishnan et al therefore fails to disclose each and every element of claim 32 and all claims depending therefrom, and therefore does not anticipate claims 32-35. It is thus respectfully submitted that the rejection of claims 32-35 under 35 U.S.C. 102(e) is in error and should be reversed.

Claim 36

Independent claim 36 recites one or more computer-readable media having computer-readable instructions thereon. In claim 36, the instructions cause one or more processors on a client device to wirelessly receive address data associated with one or more Internet-connected printers and process the address data to establish an Internet link with one or more Internet-connected printers. Krishnan et al fails to disclose establishing an Internet link based on such wirelessly transmitted data.

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Krishnan et al thus fails to disclose each and every element of claim 36. It is thus respectfully submitted that the rejection of claim 36 under 35 U.S.C. 102(e) is in error and should be reversed.

Conclusion

Appellant has shown the rejection under 35 U.S.C. 102(e) to be in error. Therefore, the Board of Patent Appeals and Interferences is respectfully requested to reverse of the final rejection of claims 1-36 and to hold all the claims to be allowable.

Respectfully submitted,

5/8/07

Date

Patrick R. Scanlon

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VIII. CLAIMS APPENDIX

Claim 1. A system for accessing network-accessible devices comprising:

multiple network-accessible devices, each device comprising:

a wireless transmitter for wirelessly transmitting associated address data for receipt by individual client devices, the address data being configured for use in accessing, via a network, a network-accessible device that wirelessly transmitted the associated address data; and

a connection module for establishing a network link with one or more client devices based upon the wirelessly transmitted address data, said link permitting individual client devices to access a network-accessible device using the associated address data.

Claim 2. The system of claim 1, wherein said link comprises a wireless link.

Claim 3. The system of claim 1, wherein said link comprises a wired link.

Claim 4. The system of claim 1, wherein said link comprises an Internet link.

Claim 5. The system of claim 1, wherein said link comprises a wireless Internet link.

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Claim 6. A system for accessing Internet-connected printers comprising:

one or more Internet-connected printers, individual printers

comprising:

a wireless transmitter for wirelessly transmitting associated address data for receipt by individual client devices, the address data being configured for use in accessing, via the Internet, an Internet-connected printer that wirelessly transmitted the associated address data; and

an Internet connection module for establishing an Internet link with one or more client devices based upon the wirelessly transmitted address data, said Internet link permitting individual client devices to access an Internet-connected printer using the associated address data.

Claim 7. The system of claim 6, wherein the Internet connection module is configured to establish a wireless Internet link.

Claim 8. A network-accessible device comprising:

one or more processors;

one or more computer-readable media;

a wireless transmitter for wirelessly transmitting address data associated with the device, the address data being useable to establish an Internet connection with the device;

an Internet connection module for establishing an Internet connection; and

instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to:

transmit address data for the device using the wireless transmitter;
establish an Internet connection using the connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and

permit interaction with the device via the Internet connection.

Claim 9. The network-accessible device of claim 8, wherein the Internet connection comprises a wireless connection.

Claim 10. The network-accessible device of claim 8, wherein the Internet connection comprises a wired connection.

Claim 11. The network-accessible device of claim 8, wherein the wireless transmitter comprises a bluetooth transmitter.

Claim 12. The network-accessible device of claim 8, wherein the address data comprises at least one URL.

Claim 13. An Internet-connected printer comprising:
one or more processors;

one or more computer-readable media;
a wireless transmitter for wirelessly transmitting address data associated with the printer, the address data being useable to establish an Internet connection with the printer;
an Internet connection module for establishing an Internet connection; and
instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to:
transmit address data for the printer using the wireless transmitter;
establish an Internet connection using the Internet connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and
permit interaction with the printer via the Internet connection.

Claim 14. A client device comprising:

one or more processors;
one or more computer readable media;
a wireless receiver for receiving wirelessly transmitted address data associated with one or more Internet-accessible devices;
a connection module for establishing an Internet connection; and

instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to:

establish an Internet connection using the connection module;
process address data wirelessly received by the wireless receiver from at least one Internet-accessible device; and
establish an Internet link with one or more Internet-accessible devices using the address data.

Claim 15. The client device of claim 14, wherein the Internet connection comprises a wireless connection.

Claim 16. The client device of claim 14, wherein the Internet connection comprises a wired connection.

Claim 17. The client device of claim 14, wherein the instructions cause the processors to establish a wireless Internet connection.

Claim 18. The client device of claim 14, wherein the instructions cause the processors to establish a wired Internet connection.

Claim 19. The client device of claim 14, wherein the wireless receiver comprises a bluetooth receiver.

Claim 20. The client device of claim 14, wherein the address data comprises a URL.

Claim 21. A method for accessing network-accessible devices comprising:

wirelessly beaconing address data associated with a particular device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the particular device for interacting with the particular device; and

establishing an Internet link with one or more client devices based on the wirelessly beacons address data, said link permitting interaction between the particular device and the one or more client devices.

Claim 22. The method of claim 21, wherein said beaconing is performed by the particular device.

Claim 23. The method of claim 21, wherein said beaconing comprises using infrared technology to beacon the address data.

Claim 24. The method of claim 21, wherein said beaconing comprises using RF technology to beacon the address data.

Claim 25. The method of claim 21, wherein said beaconing comprises using bluetooth technology to beacon the address data.

Claim 26. The method of claim 21, wherein said address data comprises a URL.

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Claim 27. The method of claim 21, wherein said establishing the Internet link comprises establishing a wireless Internet link.

Claim 28. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors on a network-accessible device, cause the processors to:

wirelessly beacon address data associated with the network-accessible device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the network-accessible device for interacting with the network-accessible device; and

establish an Internet link with one or more client devices based on the wirelessly beacons address data, said link permitting interaction with the one or more client devices.

Claim 29. A method for accessing Internet-accessible devices comprising:

discovering one or more Internet-accessible devices by wirelessly receiving one or more URLs associated with and transmitted by the Internet-accessible devices;

establishing an Internet connection with the one or more Internet-accessible devices based on the one or more URLs; and

interacting with the one or more Internet-accessible devices via the Internet connection.

Claim 30. The method of claim 29, wherein said establishing comprises establishing a wireless Internet connection.

Claim 31. The method of claim 29, wherein said establishing comprises establishing a wired Internet connection.

Claim 32. A method of accessing an Internet-connected printer comprising:

wirelessly receiving, with a client device, address data associated with one or more Internet-connected printers;

processing the address data with the client device to establish an Internet link with one or more Internet-connected printers; and

interacting with the Internet-connected printers via the Internet link.

Claim 33. The method of claim 32, wherein said wirelessly receiving comprises bringing the client device into close proximity with an Internet-connected printer that is transmitting address data.

Claim 34. The method of claim 32, wherein said processing comprises establishing a wireless Internet link using the address data.

Claim 35. The method of claim 32, wherein said processing comprises establishing a wired Internet link using the address data.

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Claim 36. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors on a client device, cause the processors to:

wirelessly receive, with the client device, address data associated with one or more Internet-connected printers;

process the address data with the client device to establish an Internet link with one or more Internet-connected printers; and

interact with the Internet-connected printers via the Internet link.

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IX. EVIDENCE APPENDIX

None.

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X. RELATED PROCEEDINGS APPENDIX

None.